

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	547	(381/71.4,71.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 13:31
S2	2	garabedian.in. and low and noise and frequency and exhaust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 13:32
S3	2	FAURECIA.AS. and low and noise and frequency and exhaust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 13:35
S4	300	(381/71.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 13:37
S5	2075	(181/223-228,212,213). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 14:56
S6	225	(181/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:04
S7	0	"381"/\$.ccls. and attenuat \$3 near20 low near20 frequency near20 (exhaustmuffler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:05
S8	5	"381"/\$.ccls. and attenuat \$3 near20 low near20 frequency near20 (exhaust muffler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:06

S9	4	((("6160892") or ("5414230") or ("5432857") or ("5431006")).PN.	USPAT	OR	OFF	2008/09/25 15:08
S10	1782	(381/71.1-71.13,94.1). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:23
S11	2405	(381/71.1-71.13,94.1,56). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:32
S12	5	S11 and (exhaust muffler) near20 low near20 high near20 frequency and ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:33
S13	1	S11 and (exhaust muffler) near20 low near10 frequency near10 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:34
S14	0	181/206,199,223-228. ocls. and (exhaust muffler) near20 low near10 frequency near10 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:35
S15	1	EP-455375-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:36
S16	1	S11 and (exhaust muffler) near20 high near10 frequency near10 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:41
S17	1	S11 and (exhaust muffler) near20 high near20 frequency near20 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:42

S18	0	S11 and (exhaust muffler) near20 tweeter near20 woofer near20 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:44
S19	0	S11 and (exhaust muffler) near20 tweeter near20 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:44
S20	0	(exhaust muffler) near20 tweeter near20 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:44
S21	2	(exhaust muffler) near20 (high near5 frequency) near20 ((counter anti) near4 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:45
S22	3	(exhaust muffler) near20 (high near5 frequency) near20 (inaudible)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 15:53
S23	2	garabedian.in. and low and noise and frequency and exhaust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 16:06
S24	2	S23 and low	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/25 16:06
S25	2147	(181/223-228,212,213). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:05
S26	570	(381/71.4,71.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:05

S27	2590	(381/71.1-71.13,94.1,56). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:05
S28	233	(181/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:05
S29	4	((("6160892") or ("5432857") or ("5431008") or ("5414230")),PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:16
S30	570	(381/71.4,71.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:25
S31	1	S30 and (high near5 frequency) near20 (inaudible ultrasonic silent supersonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:25
S32	4	S30 and (high near5 frequency) and (inaudible ultrasonic silent supersonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:25
S33	15	S25 and (high near5 frequency) and (inaudible ultrasonic silent supersonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 21:25
S34	1	garabedian.in. and low and noise and frequency and exhaust and inaudible	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/20 10:53
S35	2720	(381/71.1-71.13,94.1,56). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/20 10:56

S36	3	S35 and ((exhaust muffler) near20 (high near5 frequency) near20 (low near5 frequency)) near20 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/20 10:56
S37	4	S35 and (exhaust muffler) near20 (low near10 frequency near10 (counter anti cancellat \$3)) near10 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/20 11:33
S38	6	S35 and (exhaust muffler) and ((low near10 frequency near10 (counter anti cancellat \$3)) near10 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/20 11:37
S39	4	((("6160892") or ("5432857") or ("5431008") or ("5414230"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/21 11:27
S40	4	S39	USPAT	OR	OFF	2010/01/21 11:27
S41	3	S39 and (low near5 frequency)	USPAT	OR	OFF	2010/01/21 11:27
S42	2726	(381/71.1-71.13,94.1,56). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 14:52
S43	0	S42 and (exhaust muffler) and (frequency near10 (equal higher above) near10 "20" near10 khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 14:52
S44	3	S42 and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 14:53
S45	0	"381"/\$.ccls. and (exhaust muffler) near20 (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 15:17
S46	15	"381"/\$.ccls. and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 15:17

S47	16	"181"/\$.ccls. and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/27 15:17
S48	1	("4924095").PN.	USPAT; USOCR	OR	OFF	2010/01/27 15:22

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2459	(381/71.1-71.13,94.1,56).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/28 14:46
L2	3	L1 and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/28 14:46
L3	15	"181"/\$.ccls. and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/28 14:47
L4	15	"381"/\$.ccls. and (exhaust muffler) and (frequency near10 "20" near10 khz)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/28 14:47

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